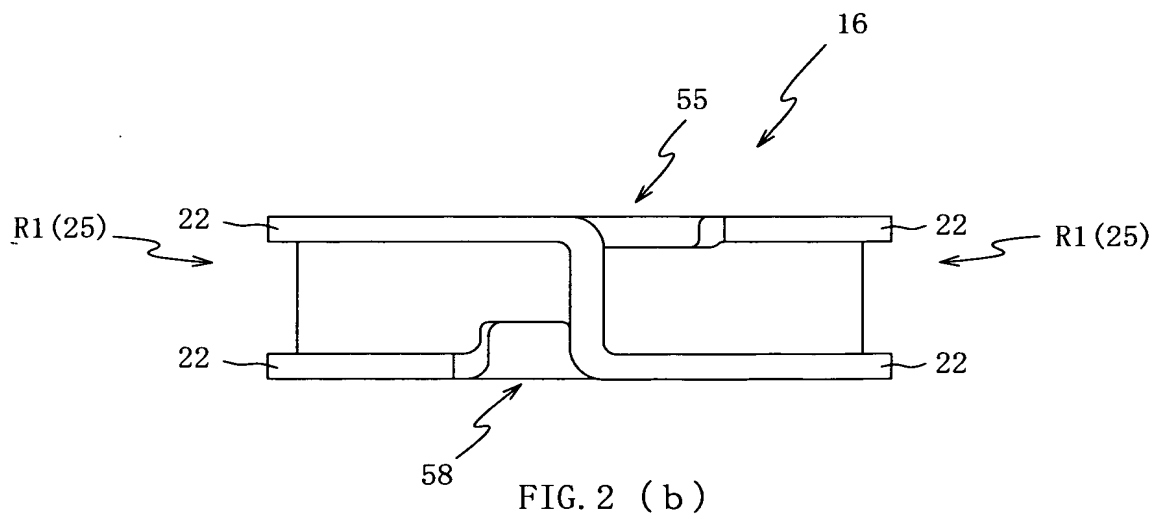
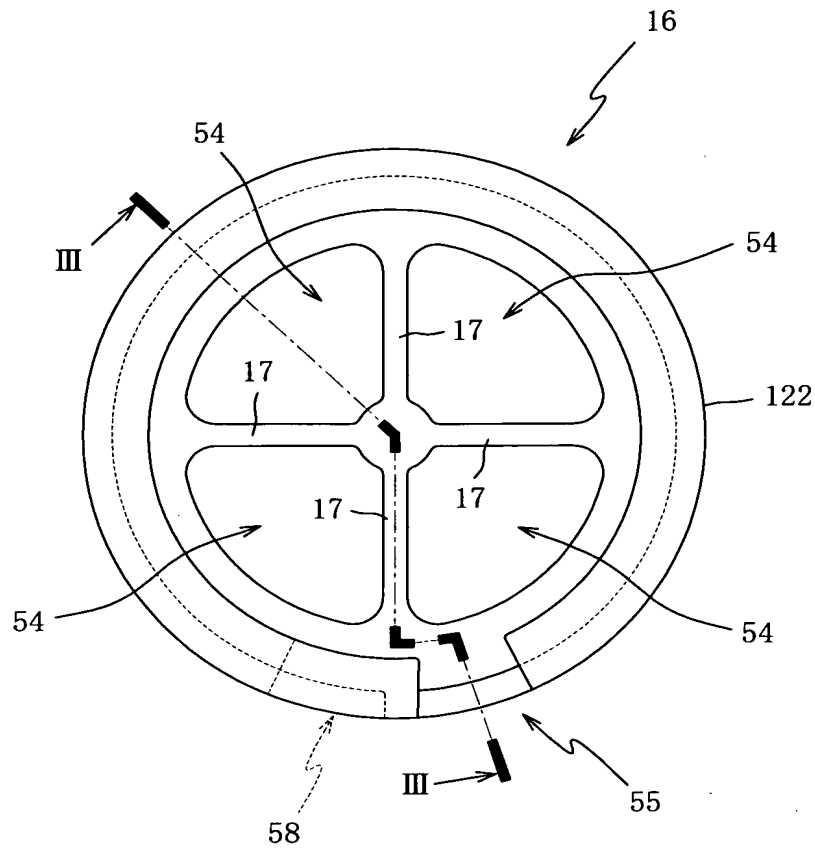


FIG. 1



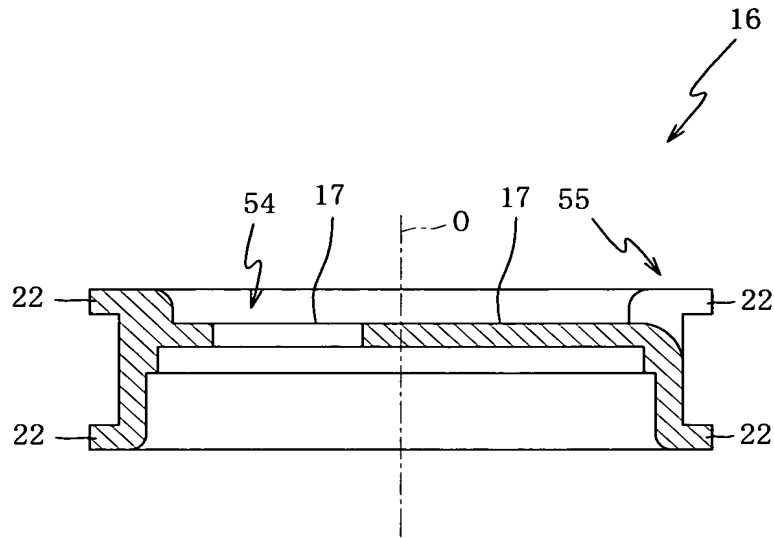


FIG. 3

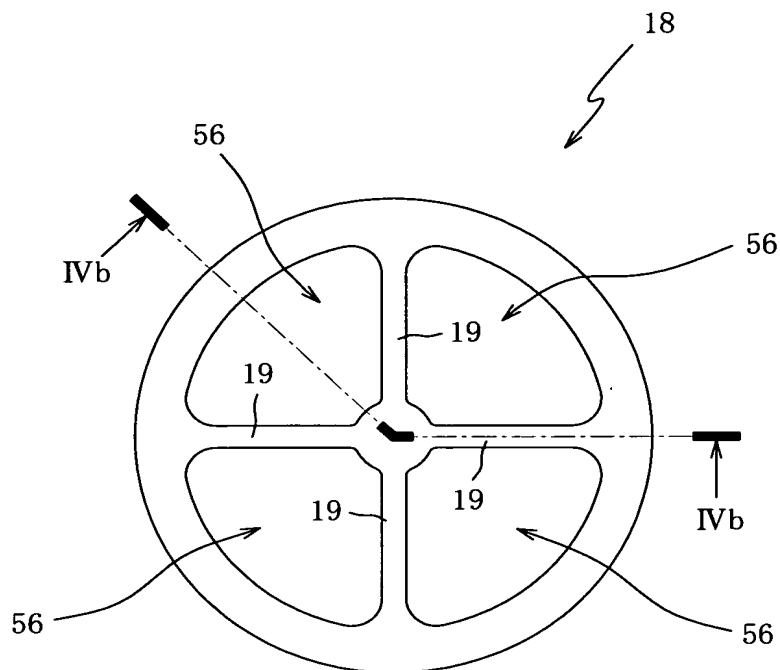


FIG. 4 ( a )

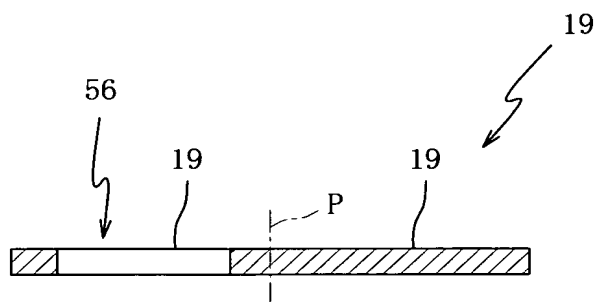


FIG. 4 ( b )

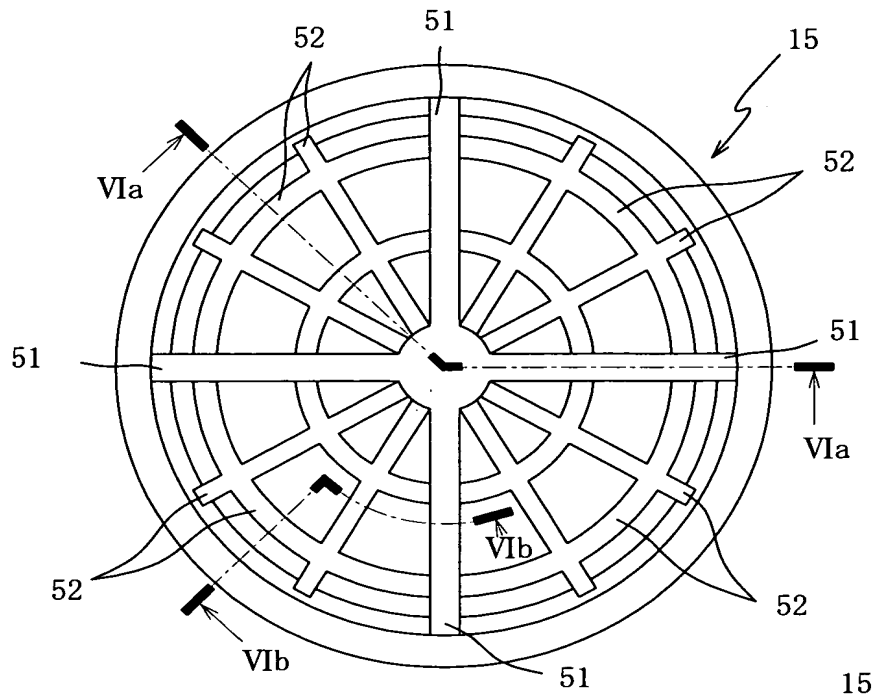


FIG. 5(a)

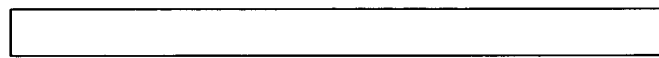


FIG. 5(b)

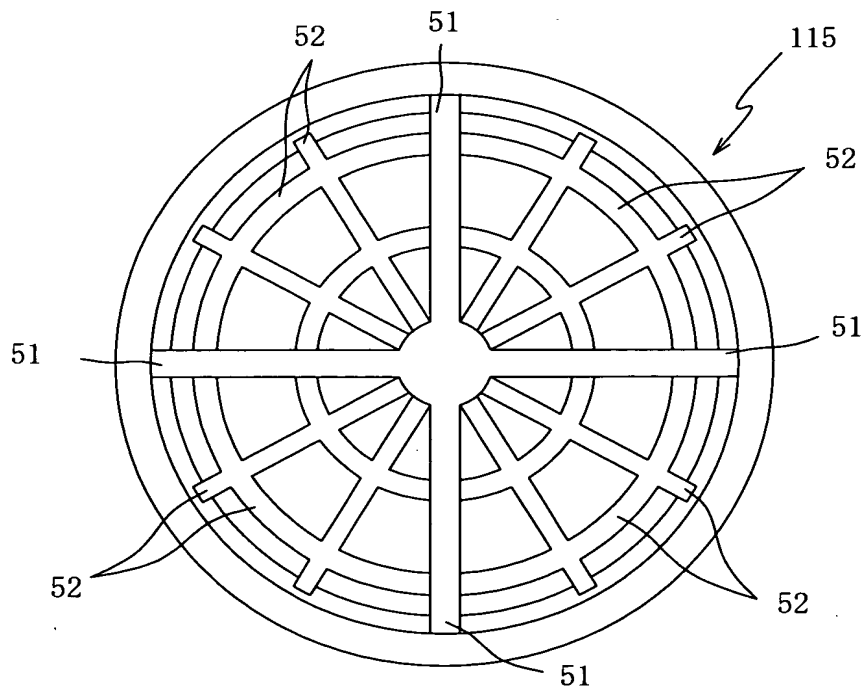


FIG. 5(c)

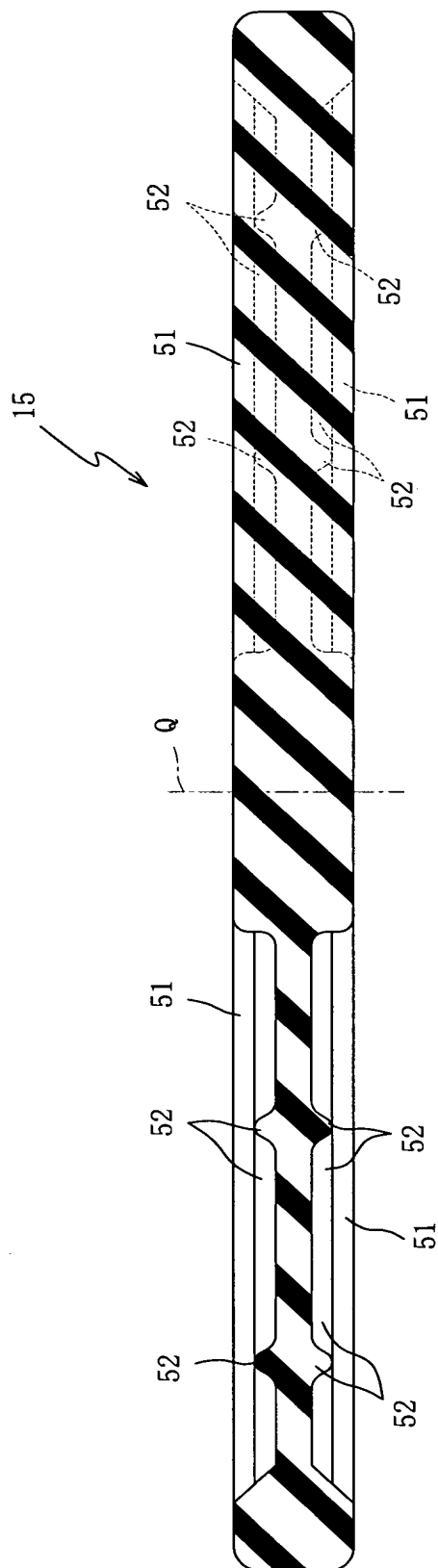


FIG. 6 (a)

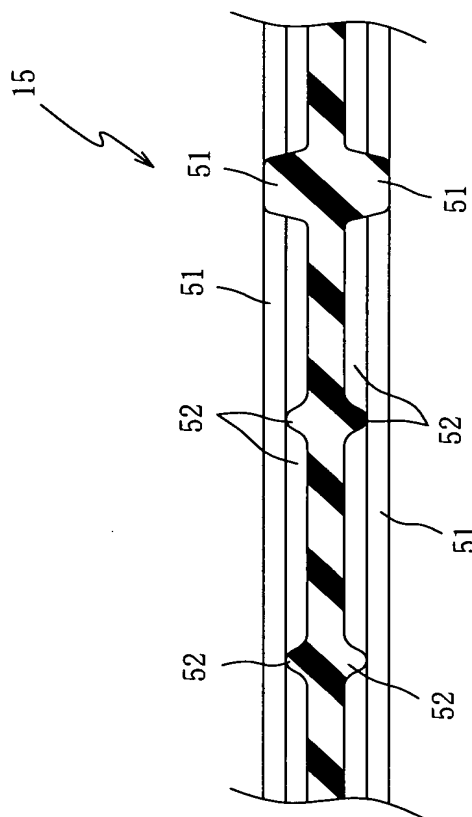
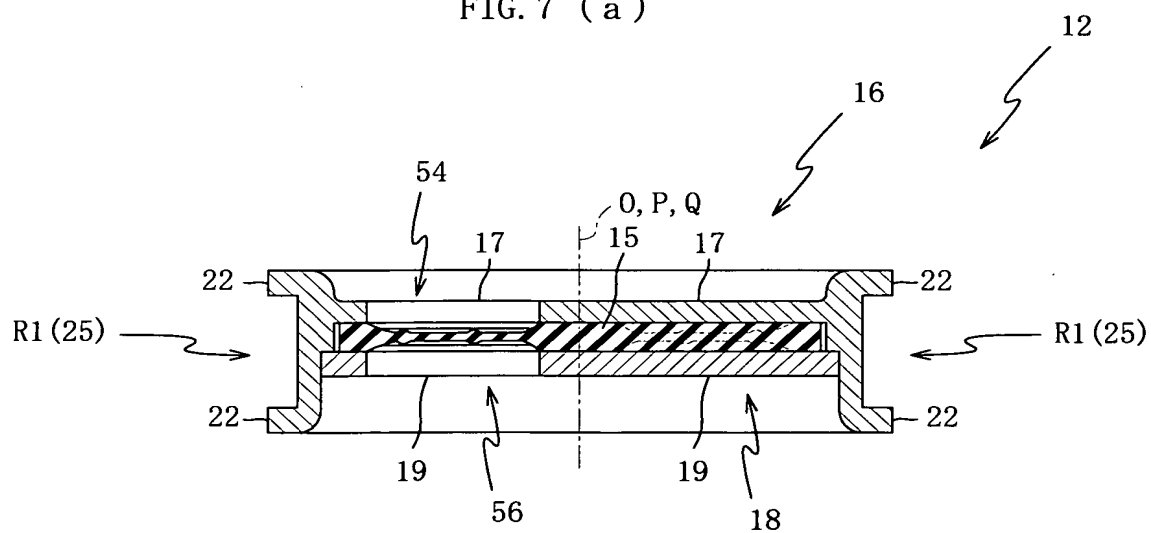
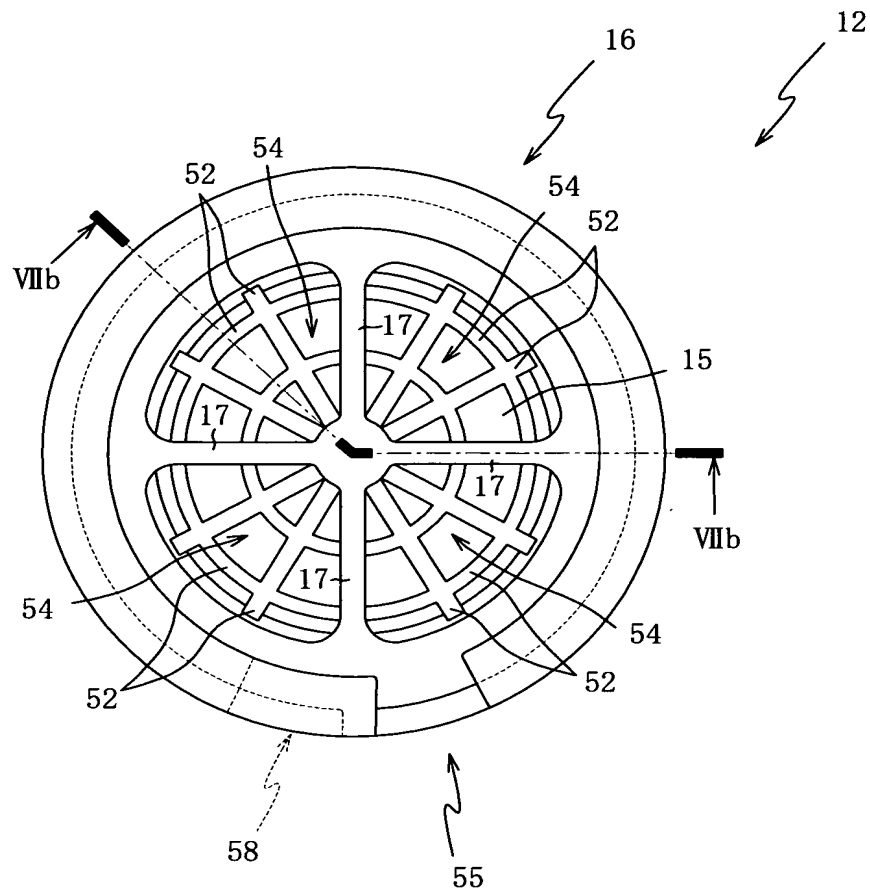


FIG. 6 (b)



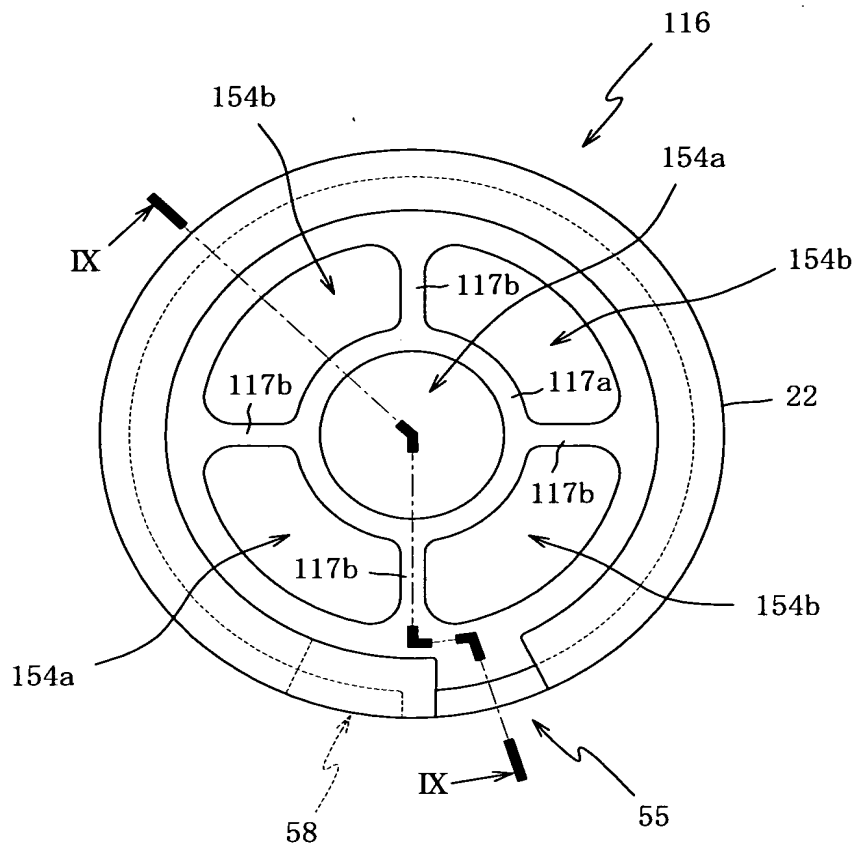


FIG. 8 ( a )

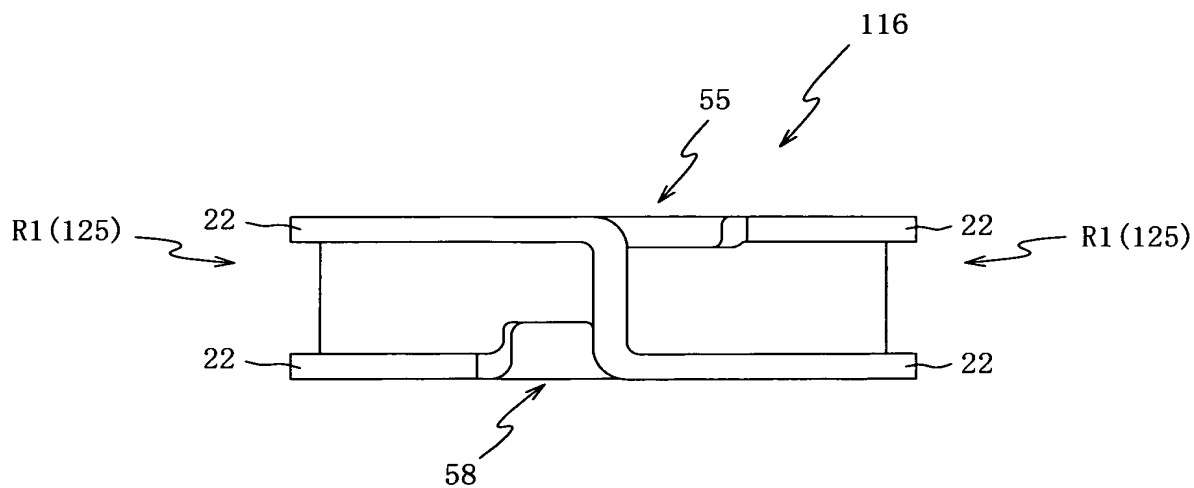


FIG. 8 ( b )



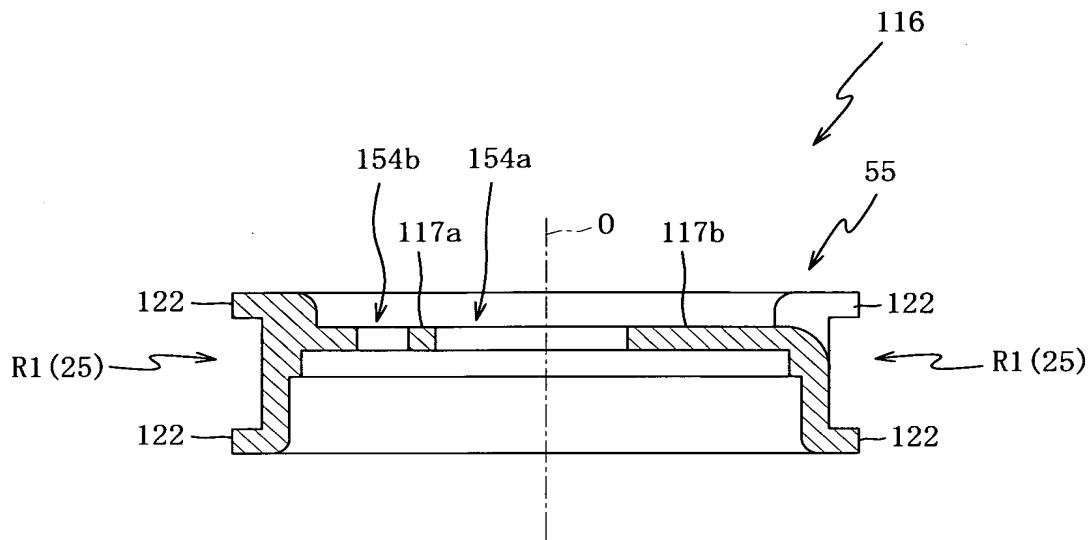


FIG. 9

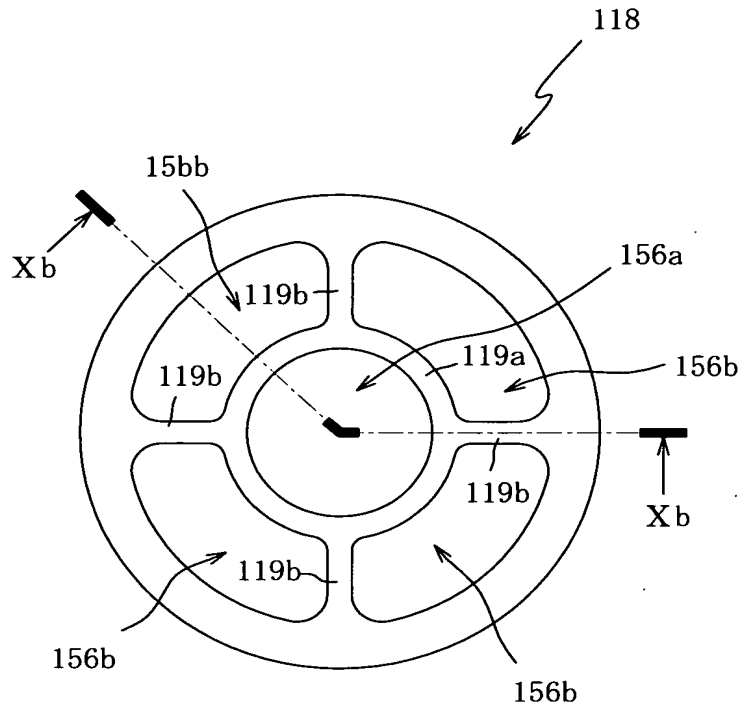


FIG. 10 ( a )

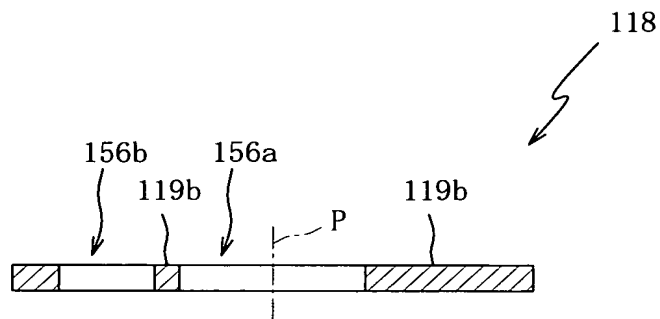


FIG. 10 ( b )

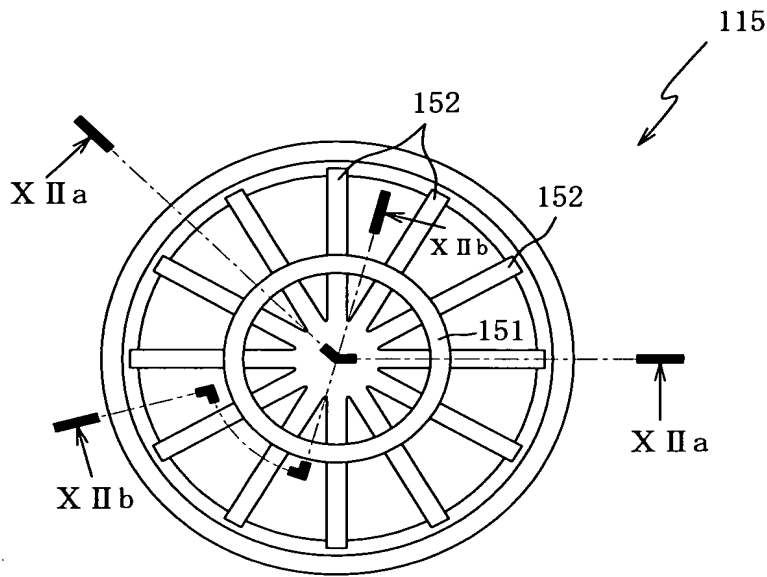


FIG. 11(a)

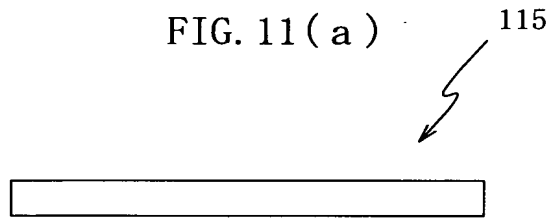


FIG. 11(b)

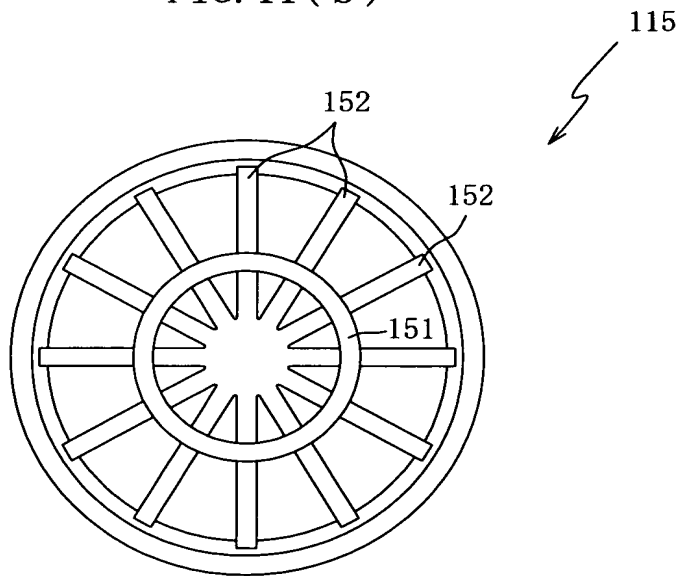


FIG. 11(c)

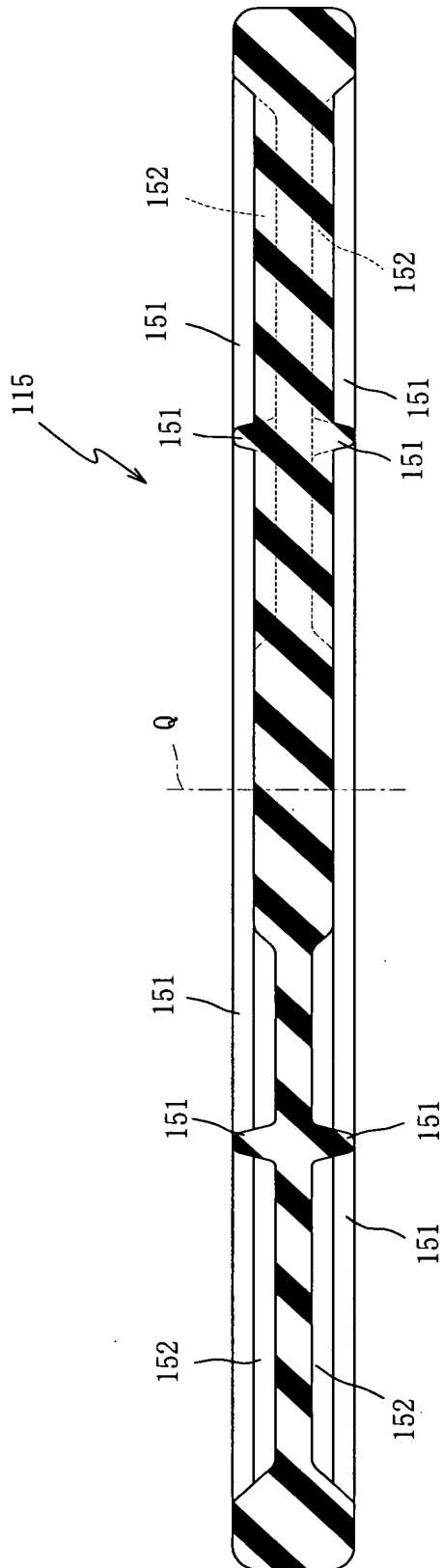


FIG. 12 (a)

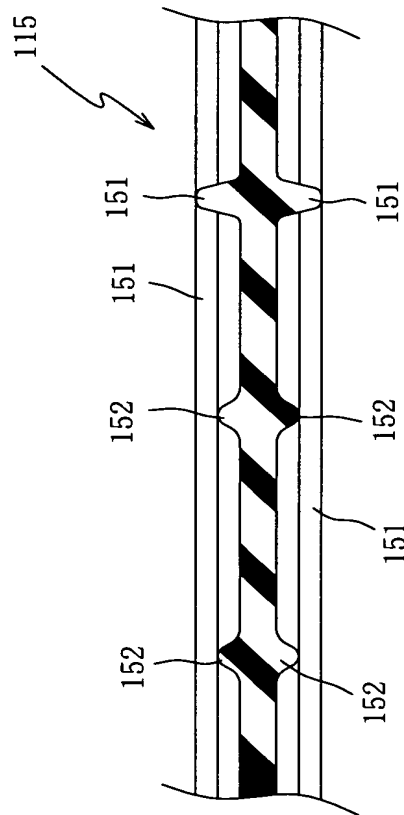
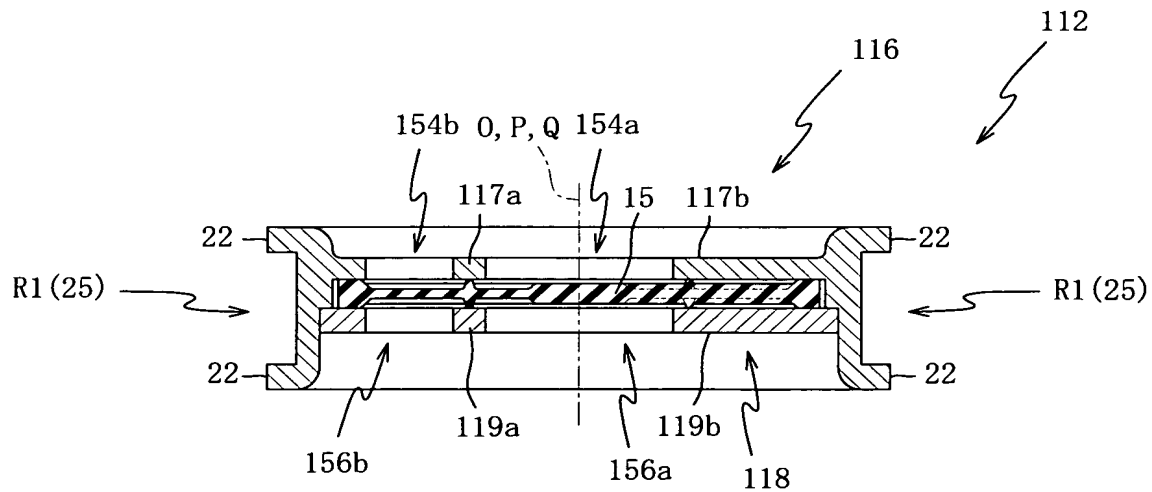
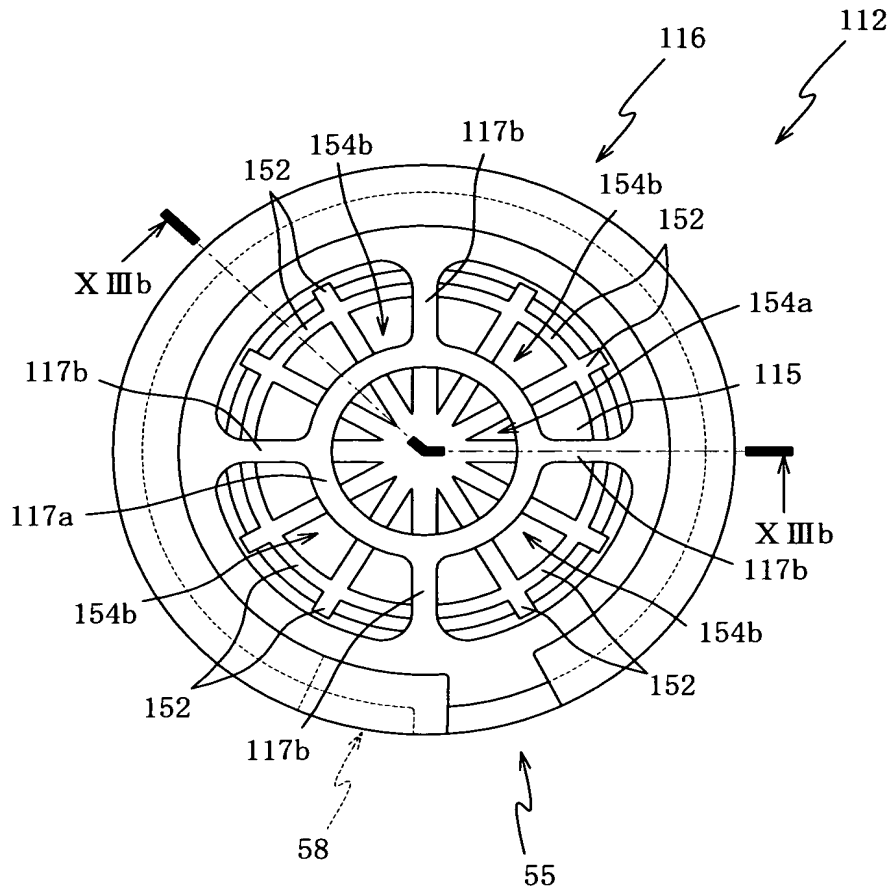


FIG. 12 (b)



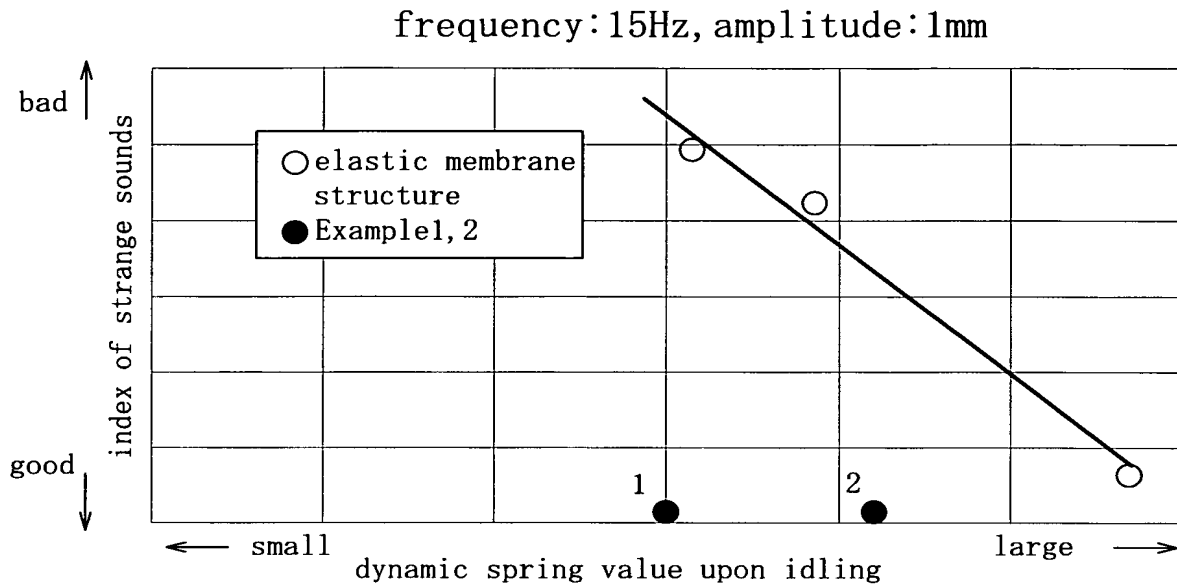


Fig. 14 (a)

performance comparison of damping  
characteristic upon shake range

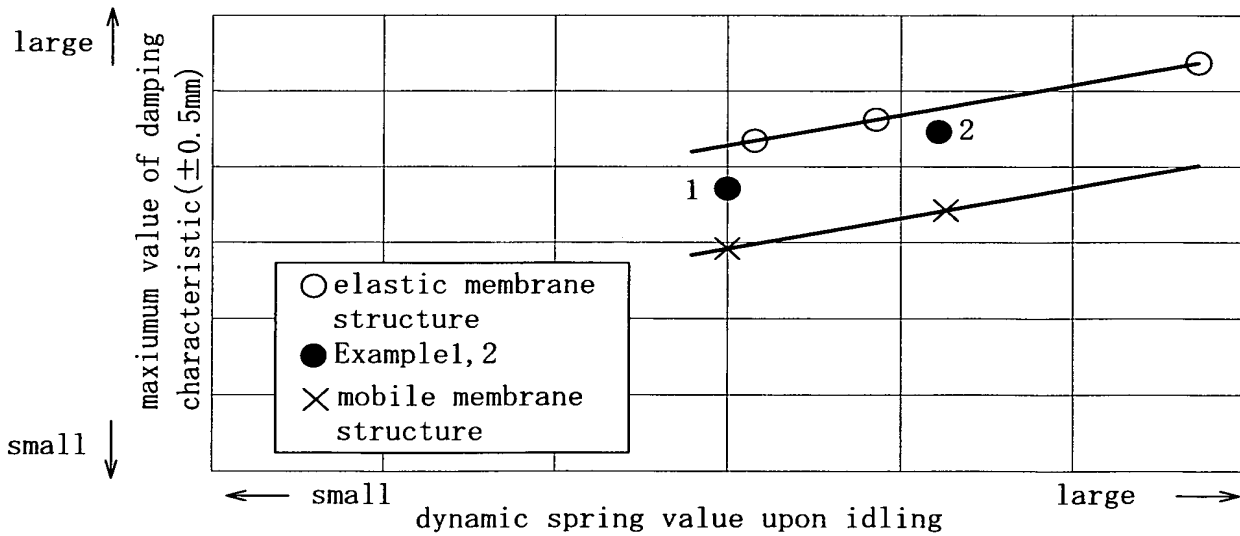
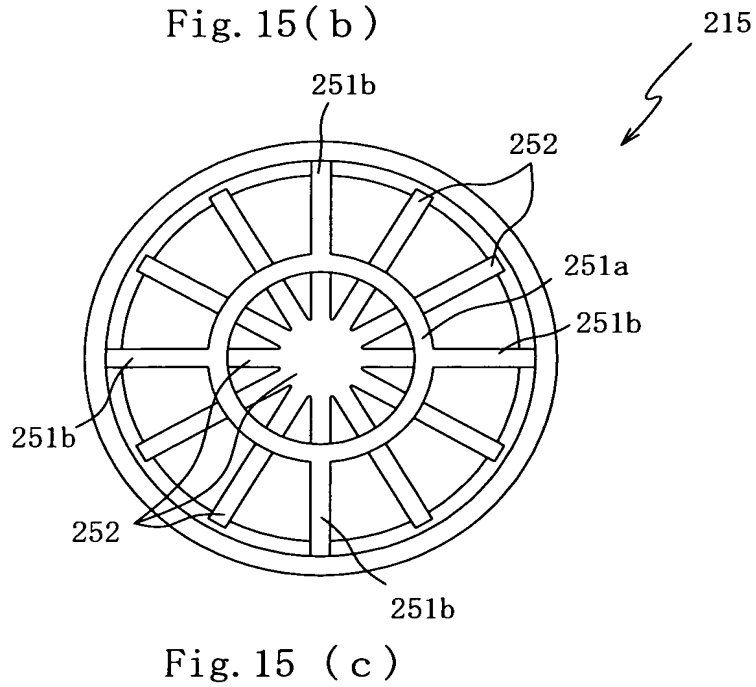
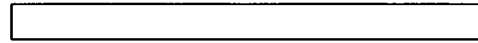
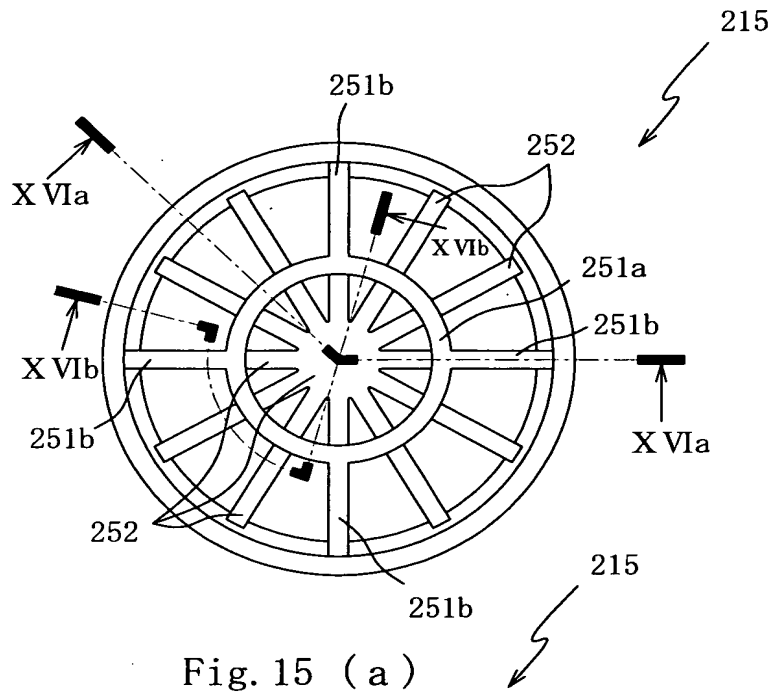


Fig. 14 (b)



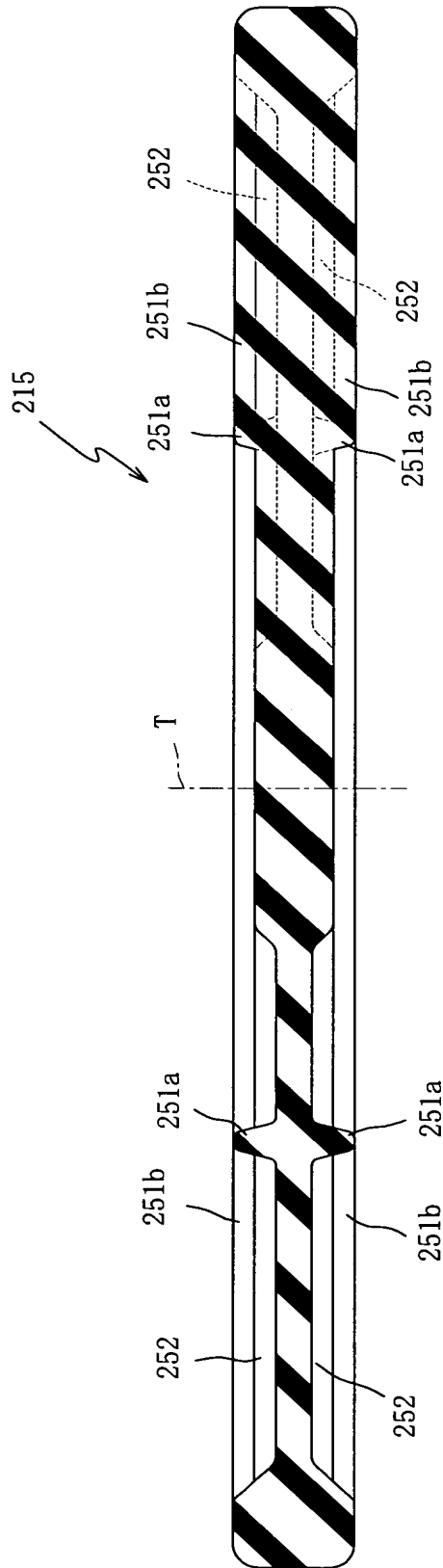


Fig. 16. (a)

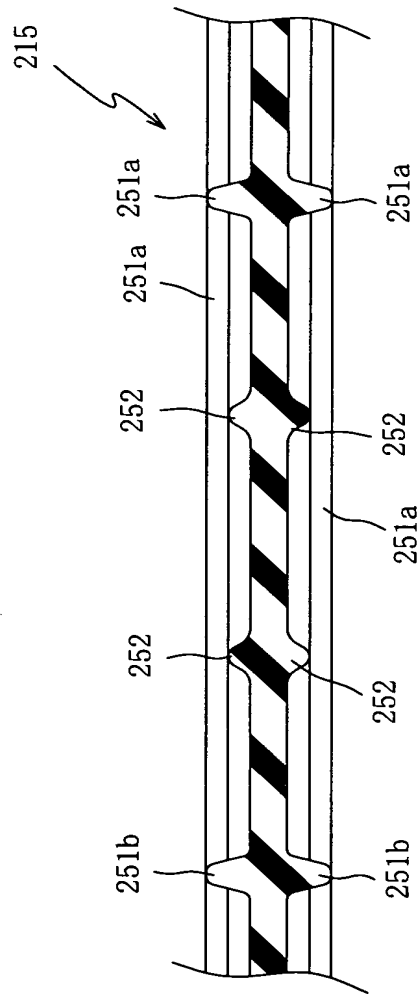


Fig. 16. (b)